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London WC2A 3LS(GB)(54) **Composite particle.**

(57) The invention relates to a composite particle comprising 2 to 98% by weight of a base resin having a softening point of -10° to 120°C and a number average molecular weight of 600 or more and 98 to 2% by weight of an anisotropic crystalline polymer having a phase transition point of 60° to 230°C and a number average molecular weight of 600 to 10,000 and capable of forming an anisotropic molten phase, the polymer having the specific structure in which a repeating unit of the formula: A-X-B (I)

(wherein 100 to 50 mol % of A stands for defined mesogenic group, 0 to 50 mole % of A is p-phenylene, m-phenylene or trans-1,4-cyclohexylene, B is a defined spacer group, and X is ester bond, carbonate bond, amide bond, urethane bond or urea bond, and a repeating unit of the formula: R (II) in which R stands for bivalent to hexavalent hy-

drocarbon residue, are connected, in any successive orders and in a weight ratio of (I)/(II) = 99.9/0.1 to 60/40, with each other through ester bond, carbonate bond, amide bond, urethane bond or urea bond, and end portions are occupied by a functional group as hydroxyl, carboxyl and the like. The composite particle is useful as powder coating, dry toner and the like.

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EUROPEAN SEARCH REPORT

Application Number

EP 89 31 2764

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-3 941 904 (G. LOK KWONG HOH, A. TSUKAMOTO) * claims 1, 2 * - - -	1	G 03 G 9/087 G 09 D 5/03
A	EP-A-0 250 183 (NIPPON PAINT CO. LTD.) * claims 1-17 * - - -	2,3	
A	US-A-4 543 313 (H.K. MAHABADI, L. ALEXANDRU) * claims 1-28 * - - - - -	4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G 03 G G 09 D C 08 L
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		13 November 90	BATTISTIG M.L.A.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</div> <div>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document</div>			